

Technology Development

Bob Rasche
FST Meeting
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Spectroscopy X-ray Telescope

Relicited Optics
Segmented Optics

IPT Leader:
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Extendable Optical Bench

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Cryogenics

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- IPTs are getting organized and and getting down to work

- GSFC/SAO team getting to know the NRA groups

- SXT Status Review - 8/12/98

- EOB is not a feasibility issue anymore

- Need to get all contracts in place quickly

Hard X-ray Telescope

Comprehensive HXT
Hard X-ray Optics
Silicon Strip Detectors

IPT Leader:
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X-ray Calorimeters

Comprehensive Microcalorimeters
Multilayer Absorbers and Sensors
Tungsten TES Microcalorimeters

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Grating/CCD

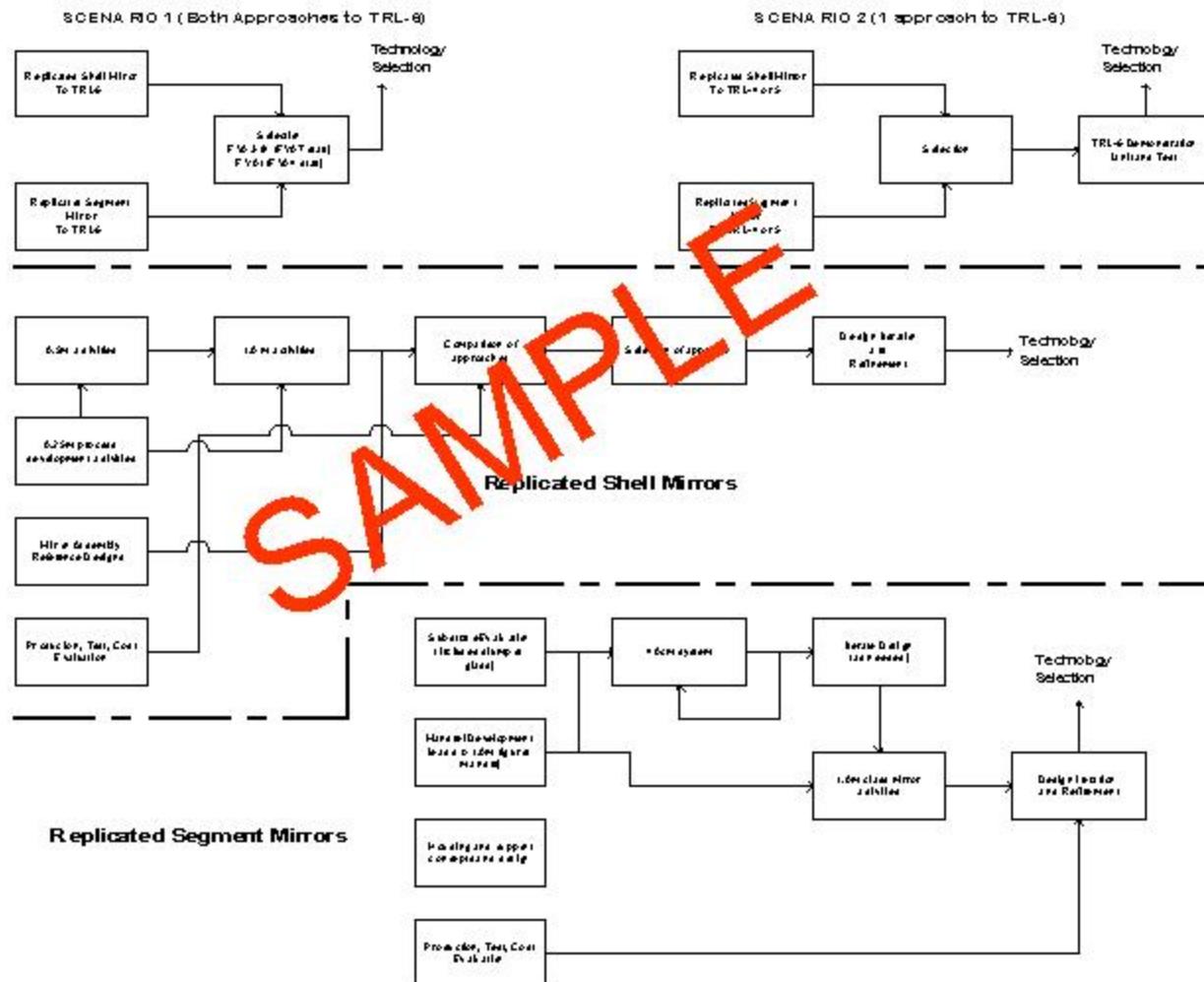
Comprehensive Grating/CCD

IPT Leader:
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GSFC/SAO Study Team Activities

- Technology Roadmap Revision
 - Viewgraph with facing page notes format
 - Activity flow diagrams
- Requirements Document
 - controls interfaces and overall systems work
 - needs everyone's help
- Overall error (performance) budgets
 - pointing, aspect determination, optical performance,etc.
- Weight and Cost Management/Reduction
- Web Page

Activity Flow Diagram



Interaction Concerns

- Work requires inputs from IPTs
 - information
 - understanding - tie between science objectives and system requirements
 - review
- Desire is to minimize impact on IPTs
 - coordinated interactions
 - specified points of contact
 - e-mail with broad distribution
- Feedback (positive or negative) and suggestions are welcomed

Project Needs

- Coordination by IPT leaders
 - includes all work in the activity area
- Progress Reports - due 27th of month. Inputs to NASA reviews, briefings, State of the Universe, etc.
- Lien Lists
- Photos
- Contracting - let's get it done
- And again, Feedback - how can we do the job better
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